

WHAT IS CLAIMED IS:

1. A display device comprising a display panel and a plurality of wiring boards placed along a periphery of the display panel,

wherein the display panel has panel-side connection wiring for electrically
5 connecting a first wiring board and a second wiring board adjacent to each other among the plurality of wiring boards,

each of the plurality of wiring boards has an insulating base, a board-side wiring group running on the insulating base, and at least one driving circuit element for driving the display panel,

10 the board-side wiring group is composed of element-connected wiring electrically connected to the driving circuit element and non-connected wiring having no electrical connection to the driving circuit element, and

the panel-side connection wiring is formed so that the element-connected wiring of the first wiring board and the non-connected wiring of the second wiring board are
15 electrically connected to each other.

2. The display device of Claim 1, wherein the plurality of wiring boards have wiring patterns identical in board-side wiring group.

20 3. The display device of Claim 2, wherein a plurality of lines constituting the board-side wiring group run on the insulating base without crossing each other,

the non-connected wiring is in a roughly U shape as viewed from top with both ends at the periphery of the insulating base, and

at least one end of the element-connected wiring is located inside or outside both
25 ends of the non-connected wiring at the periphery of the insulating base, or the element-

connected wiring is interposed between a plurality of lines of the non-connected wiring.

4. The display device of Claim 3, wherein the non-connected wiring has another roughly U shape as viewed from top in at least a portion near one end extending in a direction away from the other end.

5. The display device of Claim 1, wherein each of the plurality of wiring boards has n or $n+1$ sets of lines that constitute the board-side wiring group and are involved in signal transmission where n is the total number of driving circuit elements of the plurality of wiring boards (n is a natural number equal to or more than 2).

6. The display device of Claim 1, wherein each wiring board further has board-side spare wiring electrically connected to the driving circuit element,

the display panel further has gate lines, source lines crossing the gate lines, switching elements electrically connected to the gate lines and the source lines, pixel electrodes connected to the gate lines and the source lines via the switching elements, and panel-side spare wiring electrically connected to the board-side spare wiring, and

the panel-side spare wiring crosses the source lines via an insulating film near both ends of the source lines.

7. The display device of Claim 1, wherein the display panel is a liquid crystal panel.

8. A wiring board having an insulating base, a signal wiring group running on the insulating base for transmitting signals, and at least one circuit element,

wherein the signal wiring group is composed of element-connected wiring

electrically connected to the circuit element and non-connected wiring having no electrical connection to the circuit element.

9. The wiring board of Claim 8, wherein the wiring board is placed along a
5 periphery of a display panel, and the signals are drive signals for driving the display panel.

10. The wiring board of Claim 8, wherein a plurality of signal lines constituting the signal wiring group run on the insulating base without crossing each other,

the non-connected wiring is in a roughly U shape as viewed from top with both
10 ends at the periphery of the insulating base, and

at least one end of the element-connected wiring is located inside or outside both ends of the non-connected wiring at the periphery of the insulating base, or the element-connected wiring is interposed between a plurality of lines of the non-connected wiring

15 11. The wiring board of Claim 10, wherein the non-connected wiring has another roughly U shape as viewed from top in at least a portion near one end extending in a direction away from the other end.

12. The wiring board provided for the display device of Claim 1.

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13. The display panel provided for the display device of Claim 1.